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FORM PTO-1390DEPARTMENT ( MMERCE PATENT AND TRADEMARK OFFICE ATTORNEY'S DOCKET NO. 100096.403 U.S. APPLICATION NO. (If known, see37 TRANSMITTAL LETTER TO THE UNITED STATES **CFR 1.5)** DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371 INTERNATIONAL APPLICATION NO. INTERNATIONAL FILING DATE PRIORITY DATE CLAIMED 15 September 1998 (15.09.1998) PCT/SE98/01638 15 September 1997 (15.09.1997) TITLE OF INVENTION METAL ION SPECIFIC CAPACITY AFFINITY SENSOR APPLICANT(S) FOR DO/EO/US MATTIASSON, Bo; CSÖREGI, Elisabeth; BONTIDEAN, Ibolya; JOHANSSON, Gillis; BERGGREN, Christine; BROWN, Nigel; LLOYD, Jonathan; JAKEMAN, Kenneth; HOBMAN, Jonathan; WILSON, Jonathan; VAN DER LELIE, Daniel; and CORBISIER, Philippe Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information: This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371. This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. A copy of the International Application as filed (35 U.S.C. 371(c)(2)). is transmitted herewith (required only if not transmitted by the International bureau). has been transmitted by the International Bureau. is not required, as the application was filed in the United States Receiving Office (RO/US). A translation of the International Application into English (35 U.S.C. 371(c)(2)). Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)). are transmitted herewith (required only if not transmitted by the International Bureau). b. have been transmitted by the International Bureau. have not been made; however, the time limit for making such amendments has NOT expired. A have not been made and will not be made. A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). 10. A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11 to 16 below concern document(s) or information included: 11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. A FIRST preliminary amendment. A SECOND or SUBSEQUENT preliminary amendment. 14. A substitute specification. 15. A change of power of attorney and/or address letter. 16. \(\infty\) Other items or information:

EXPRESS MAIL MAILING LABEL
NUMBER EL487802159US
DATE OF DEPOSIT 15 March 2000
I hereby certify that this paper or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to: Assistant Commissioner for Patents, Washington D.C. 20231-0001.

Signature

Applicant hereby claims priority from Swedish Application No. 9703315-3 filed 15 September 1997.

Article 34 Amendments, Postcard and check for filing fees.

			TORNEY'S DOCKET NUMBER			
Unknown         19         5         18         19         100           17.              ☐ The following fees are submitted:          100         <				096.403		
-				PTO USE ONLY	CALCULATIONS	
Basic National Fee (37 C	110 002 0.12					
Search Report has been prepared by the EPO or JPO\$ 840.00						
International preliminary examination fee paid to USPTO (37 CFR 1.482)						
\$ 670.00						
No international preliminary examination fee paid to USPTO (cu CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2))\$ 690.00						
but international search fee paid to OSF1O (57 CFK 1.443(a)(2))						
Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO\$970.00						
International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4)\$ 96.00						
ENTER APPROPRIATE BASIC FEE AMOUNT = \$840.00						
Surcharge of \$130.00 for	\$130.00					
months from the earliest c			_ <del>_</del>			
Claims	Number Filed	Number Extra	Rate			
Total Claims	10 - 20 =	0	x \$ 18.00	\$0.00		
Independent Claims	3 - 3=	0	x \$ 78.00	\$0.00		
Multiple dependent claim(	(s) (if applicable)		+ \$260.00	\$0.00		
TOTAL OF ABOVE CALCULATIONS =				\$970.00		
Reduction by ½ for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (NOTE: 37 CFR 1.9, 1.27, 1.28)						
SUBTOTAL =				\$970.00		
Processing fee of \$130.00	\$.00					
months from the earliest claimed priority date (37 CFR 1.492(f)). + TOTAL NATIONAL FEE = \$970.00						
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be				\$.00		
accompanied by an approp	4.00					
accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property) + TOTAL FEES ENCLOSED = \$970.00						
				Amount to be		
				refunded:		
				charged		
a. A check in the amount of \$970.00 cover the above fees is enclosed.						
b. Please charge my Deposit Account No. in the amount of \$\sum_{\text{to}}\$ to cover the above fees. A duplicate copy of this sheet is enclosed.						
c. The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 19-1090. A duplicate copy of this sheet is enclosed.						
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.						
SEND ALL CORRESPONDENCE TO:  SIGNATURE  SIGNATURE						
LOOP, Thomas E.						
Seed Intellectual Property Law Group PLLC  Thomas E. Loop						
6300 Columbia Center NAME						
701 5th Avenue						
Seattle, WA 98104-7092  Market 1 State						
United States of America REGISTRATION NUMBER						